

Amendments to the Claims:

This listing of claims will replace all prior version, and listings, of claims in the application:

5 **Listing of Claims:**

1 (original) A hyperbaric capsule wherein:

 an elongate base molding forms a forward-facing chair for a user, the chair having a seat and a back rising from the seat,

10 said base molding has a front portion that extends forward of the chair seat at user foot level,

 said base molding has a rear portion that extends upwardly above the back of the chair and above user head level,

 said base molding defines a peripheral seal-line that extends around
15 said front portion, along each side of the chair and around said rear portion,

 an elongate canopy extends forward and downward from above user head level at said back portion of the base to said front portion of the base,

 an elongate transparent window is formed in said canopy,

 the canopy is moveable between an open position, where a user can
20 freely move to the chair from the side of the capsule, and a closed position where a seated user is fully enclosed by the base and the canopy, and

 said canopy defines a peripheral seal-line that is adapted to engage with said base seal-line to form an air-tight seal between the canopy and the base when the canopy is in the closed position.

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2 (original) A hyperbaric capsule according to claim 1 wherein:

 said canopy has a convex external surface that is curved both front-to-back and side-to-side,

 said window also has a convex outer external surface that is curved
30 both front-to-back and side-to-side, and

 said window extends at least from user head level to the level of the seat of the chair, when the canopy is closed.

3 (currently amended) A hyperbaric capsule according to claim ~~1 or 2~~,
 having:

latching means operable from both within and outside the capsule for
 securing the canopy to the base when the canopy is in the closed position to
 5 permit pressurization of the capsule, and for releasing the canopy from the
 base for movement to the open position.

4 (original) A hyperbaric capsule according to claim 3 wherein said
 latching means includes:

10 a plurality of latches spaced around said peripheral seal-line of the
 base,

a plurality of latch pins spaced around said peripheral seal-line of the
 canopy for engagement by respective ones of said latches,

15 inside actuator means operable from inside the capsule when the
 canopy is in the closed position to secure and release all said latches in
 unison, and

outside actuator means operable from outside the capsule when the
 canopy is in the closed position to secure and release all said latches in
 unison.

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5 (original) A hyperbaric capsule according to claim 4 wherein:

said latches include hook members moveable between a secure
 position in which said hook members engage respective ones of said latch
 pins when the canopy is in the closed position and a release position in which
 25 said members disengage said respective ones of said latch pins, and

said hook members have an over-center action whereby an opening
 force applied to the canopy, when said hook members are in said secure
 position, acts to bias said hook members toward the secure position, thereby
 inhibiting operation of said inside and outside actuator means when the
 30 capsule is under pressure.

6 (original) A hyperbaric capsule according to claim 5 wherein:
the base has a first U-shape periphery which is generally horizontal
and which defines a first portion of said base seal-line,
said first U-shape periphery extends from below the seat on each side
5 of the chair and around said front portion of the base,
the base has a second U-shape periphery which is generally vertical
and which defines a second portion of said base seal-line,
said second U-shape periphery is in the form of an inverted U that
extends from below the seat on each side of the chair and over the back of
10 the chair,
said first U-shape periphery and said second U-shape periphery join at
a given angle below the seat, completing said base seal-line,
the canopy includes two opposed downwardly extending side portions
of generally triangular form,
15 each side portion of the canopy forms a canopy angle that is
substantially equal to said given angle, each side portion also defining portion
of said canopy seal-line, and
the side portions of the canopy fit into said join of the first and second
U-shape peripheries on each side of the capsule when the canopy is in the
20 closed position.

7 (original) A hyperbaric capsule according to claim 6 wherein:
said hook members are located externally of the base on each side
thereof near the chair and near said join,
25 respective ones of said latch pins are located on and externally of said
side portions of the canopy and are arranged for engagement by said
externally located hook members.

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8 (original) A hyperbaric capsule according to claim 7 wherein:
 said externally located hook members are arranged in opposed pairs,
 the hook members of each of said pairs are fixed to respective ends of
 a common substantially horizontal shaft that extends transversely through the
 5 base molding, the hook members of each pair being movable by rotation of
 their respective shaft to engage and release their respective latch pins on the
 side portions of the canopy,

outward movement of the side portions of the canopy under pressure is
 resisted by abutment of the side portions with the hook members of a pair and
 10 tension within their respective shaft.

9 (currently amended) A hyperbaric capsule according to ~~any one of~~
~~claims 6—8~~ claim 6, wherein,

the canopy is hingedly attached to the base so that, when the canopy
 15 is in the closed position, at least part of the side portions of the canopy lies
 inwards of said first and second U-shaped peripheries of the base on each
 side of the capsule, whereby outward movement of said side portions of the
 canopy under pressure is resisted by said first and second U-shaped
 peripheries of the base.

20 10 (currently amended) A hyperbaric capsule according to ~~any preceding~~
~~claim 1~~ wherein:

the canopy is hingedly attached to the front portion of the base for
 movement about a transverse horizontal axis, and

25 gas struts are fitted between the canopy and the base on each side of
 the front portion of the base to counterbalance the weight of the canopy when
 open or when being opened.

30 11 (currently amended) A hyperbaric capsule according to ~~any preceding~~
~~claim 1~~ wherein:

a pressure-operated lock is provided to prevent the opening of the
 canopy while there is super-atmospheric pressure within the capsule.

12 (currently amended) A hyperbaric capsule according to ~~any preceding~~
claim 6 having:

means adapted to supply cooled air under pressure to the interior of
the capsule, and

5 control means within the capsule adapted to indicate and/or regulate
the temperature of the air supplied to the capsule.

13 (currently amended) A hyperbaric capsule according to ~~any preceding~~
claim 6 having:

10 means adapted to monitor the CO₂ concentration of air within the
capsule, and

alarm means connected to said monitoring means adapted to signal
the user when a predetermined concentration of CO₂ is reached.

15 14 (original) A hyperbaric capsule according to claim 13 having:
emergency release means operable to effect automatic
depressurization of the capsule and release of said latching means when said
predetermined concentration of CO₂ is reached.

20 15 (currently amended) A hyperbaric chamber according to ~~any preceding~~
claim 6 having:

oxygen supply means adapted to supply oxygen gas at hyperbaric
pressure to a user within the capsule, said oxygen supply means including a
face mask by which oxygen enriched air can supplied to a user seated and
25 enclosed within the capsule.

16 (currently amended) A hyperbaric chamber according to ~~any preceding~~
claim 1, wherein:

the width of the capsule is less than that of a standard door frame, and
30 the base is fitted with wheels or rollers by which the capsule can be
moved to or transported within a domestic location.

- 17 (original) A hyperbaric capsule including:
- a base molding that includes an integrally molded chair for a user,
 - a removable canopy adapted to fit over a user seated on the chair and
 - to fit on the base around the chair and the user in a substantially air-tight
 - 5 manner, thus forming a chamber housing the seated user,
 - latching means operable from both within and outside the capsule for
 - securing the canopy to the base at a plurality of points about its periphery,
 - and
 - air supply means for supplying air under pressure to the
 - 10 chamber to generate hyperbaric pressure therein.